

OUTLOOK

September 11, 1989

A Physicist Looks at Arms Control...Page 6

Installation of New Telecommunications System Begins

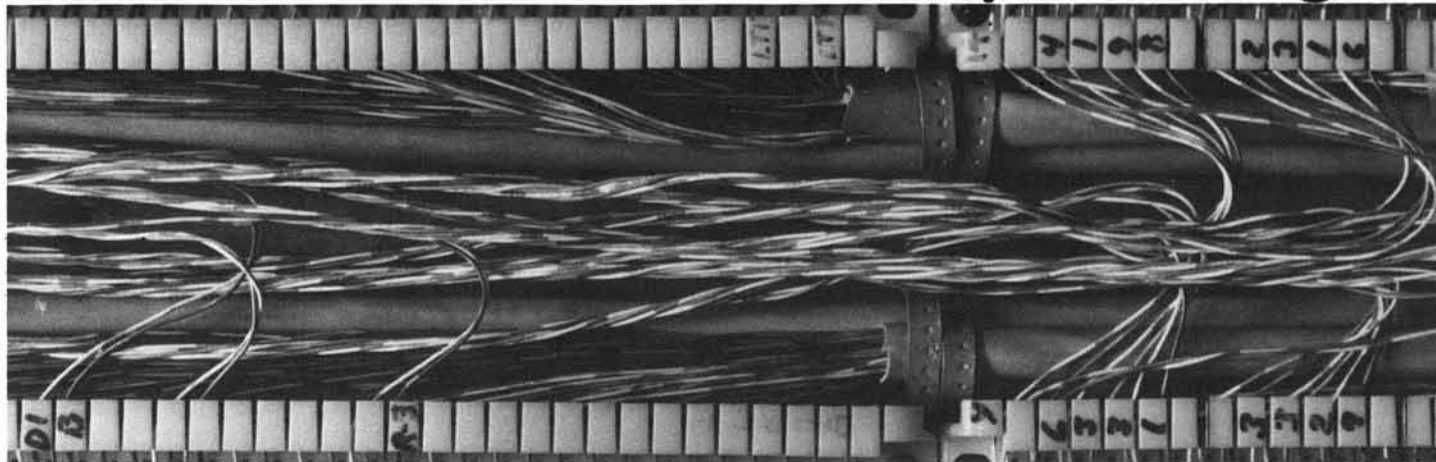
Watch your step this fall at UMCP. Throughout the fall semester, more than 10 miles of utility trenches will be dug on campus as workers lay conduit for a new \$32.8 million telecommunications system. The conduit will carry the cable that will link the campus' 300 buildings to the new system. The system, designed to upgrade and expand telephone, computer and video networks at UMCP is slated for completion late next summer.

And while you're watching your step, keep a pair of earplugs in your desk.

As the trenches are dug outside, workers also will begin installing cable inside buildings. Each of the 15,000 phone connections on campus will be attached to the new system. The installation of the indoor cable will involve extensive drilling as workers wire buildings.

And be prepared to do some shopping.

As yet another part of the telecom-



Telephone wire throughout the campus is being replaced this fall as workers install the new \$32.8 million telecommunications system.

munications project, this fall the phone coordinators in each campus department (some 200 persons in all) are compiling their department's equipment orders for the new system.

A massive network of on- and off-campus workers is involved with the

telecommunications project.

AT&T, the system's contractor, has a team of 70 persons who are working here full-time to prepare the campus for the new system. The team works out of a seven-trailer command post stationed near the Fire and Rescue Training Center.

The command post includes, among other things, a mini-factory for assembling system parts.

Such campus departments as com-

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Boyd Named New University Honors Program Director

Carolyn P. Boyd, former associate dean of the graduate school and associate professor of history at the University of Texas at Austin, has been appointed director of UMCP's new University Honors Program.

"The program will be the umbrella under which general and departmental honors offerings as well as interdisciplinary and individualized study can take place, the point of interaction for a coordinated and reinvigorated honors program at College Park," she says.

Due to be inaugurated in the fall 1990 semester, the new program will look like this.

All honors students will take part in a single program of General Honors in the freshman and sophomore years. Honors seminars will provide an opportunity for small groups of students to analyze, discuss and write in close collaboration with a faculty member.

Honors versions of regular courses offered by departments will challenge students to excel in introductory courses in their potential majors and in other fields. A single program of General Honors also will build a strong sense of community among its students.

"It is unfortunate that many academically talented students from the state of Maryland choose to go out of state to attend school," Boyd observes. "We want to be able to offer these students a serious option that is closer to

home." She believes the new honors program will be a valuable recruiting tool that will encourage these students to come to UMCP.

In the junior and senior years, students will continue to balance liberal and specialized study through several options. One would be entry into a departmental honors program in which students could take seminars taught by top faculty in their major field as well as pursue an individualized research project under faculty supervision. Students with interests spanning "discipline specific" studies will have the option of developing a sustained interdisciplinary honors project drawing on two or even more disciplines. Upper division honors students also will have the opportunity to take part in advanced honors seminars to supplement their specialized study with liberal education at an advanced level.

For Boyd, the key to a strong honors program is active faculty participation. She hopes to encourage as many faculty as possible to teach either general honors or departmental honors classes. "It has been my experience at Texas that faculty will fall all over themselves to become involved," Boyd says. "I'd like to see the faculty here rewarded for their involvement in the program." During her 16 years as a member of the Texas faculty,

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Leatherman Analyzes Sea Level Rise Around the World

Stephen Leatherman knows about the effects of sea level rise on coastal stretches in the United States. He is well acquainted with beach erosion problems at Ocean City, Md., and other barrier islands, the inadequate sea wall in Galveston, Texas, and coastal flooding in Louisiana.

But knowledge of how sea level rise affects other countries is lacking. As director of UMCP's Laboratory for Coastal Research and the Center for Global Change and an associate professor of geography, Leatherman is eager to collect information on sea level rise from around the world. He also is committed to teaching foreign researchers how to assess and develop solutions to sea level rise in their home countries.

From September 9 through 23, Leatherman is leading an international sea level rise workshop at UMCP and along the Maryland and Delaware coast. Twelve researchers from eight countries—Brazil, Egypt, Nigeria, India, China, Malaysia, Kenya, and Bangladesh—will learn about Leatherman's sea level rise case studies at Ocean City and Galveston and present assessments of sea level rise in their countries.

Prior to the workshop, the researchers in these countries collected data on sea level rise through survey maps, satellite images, tide tables, and historical maps and photos. They predicted the effects of a one-meter sea level rise on coastal towns, beach erosion, marshes, and drinking water supplies. They also

developed plausible solutions to these problems such as filling in beaches or building a sea wall.

During the workshop, the researchers will exchange their findings with each other and with Leatherman and his associates from the Laboratory for Coastal Research.

"It's so important to know what's going on with sea level rise in other countries because of the tremendous economic and political consequences," Leatherman explains. "The city of Bombay, India, for example, has 75 percent of its land at or near sea level. If the sea level rose 1 meter, half of Bombay and its 10.2 million people would be underwater."

Leatherman and his associates also will help the other researchers choose a particular coastal area or town for detailed case study in the future. Using tools similar to those for the national assessment, the case study will give researchers a more precise idea of how sea level rise will affect a specific area with respect to such concerns as population displacement and loss of croplands and tourism.

In addition to information exchange, during the workshop the group will take field trips to the western shore of the Chesapeake Bay and the Assateague National Seashore to examine how sea level rise affects these areas. Leatherman plans to do a detailed case study of the Chesapeake Bay and its coastline in the near future. ■

—Jan Barkley

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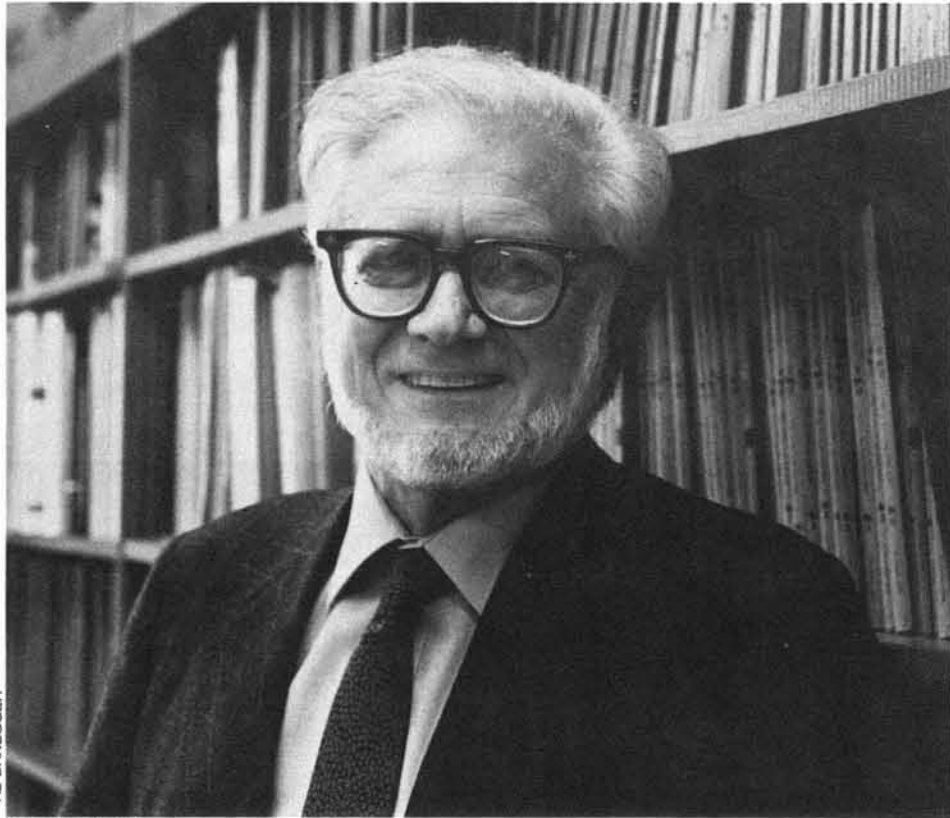
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Deadline Set for GRB Research Awards

The deadline for applications for Research Support Awards, Summer Research Awards and Semester Research Awards has been set for 12 noon, Oct. 3, by the General Research Board. Applications must be sent to Diane Ihasz in Graduate Studies and Research. Award recipients will be notified in mid-December. For more information or applications, call Leo Damrosch, associate dean for academic affairs, at 454-4001.

RESEARCH HIGHLIGHTS

UMCP Physicists Report Detection of Z Particles



George Snow

In mid-August, UMCP physicists announced that the Omni Purpose Apparatus for LEP (OPAL) detected Z particles at the Large Electron-Positron (LEP) collider located in Geneva, Switzerland.

UMCP is one of 22 institutions from eight countries that have collaborated to build the OPAL detector for the LEP collider at CERN, which is a French acronym for the European Center for Particle Physics.

With a grant from the U.S. Department of Energy, UMCP's High Energy Physics Group for the past six years has built two important sections of the OPAL detector: the Luminosity Monitor, which measures the number of collisions between electrons and positrons, and the

Hadron Calorimeter, which catches particles that have escaped from the inner detector. OPAL is one of four detectors at the LEP collider.

This detector allows scientists to "catch a glimpse" of the elusive Z particle. Z particles are created in large underground colliders when electrons and positrons, racing toward each other at nearly the speed of light, collide to produce subatomic particles. The Z particle lasts only a trillionth of a trillionth of a second before decaying into other particles and is thought to be the carrier of nature's weak force. The weak force is responsible for radioactive decay of atoms.

George Snow, professor of physics and founder of the High Energy Physics Group, received a telex on Monday, August 14 from Carlo Rubbia, director-general of CERN, that Z particles had been detected in the LEP collider for the first time.

"In one four-hour running period during that weekend, the OPAL detector accumulated five Z decays into hadrons," Snow said. "This is a rate comparable to the best obtained at SLAC and is expected to go up by an order of magnitude in a few weeks time."

Scientists at SLAC, the Stanford Linear Accelerator Center, have been detecting Z particles in their collider since April, but producing large numbers of Z particles at SLAC has been difficult, Snow says. Scientists associated with CERN believe their collider will outrun SLAC, producing millions of Z particles in the next few years, enough for meaningful analysis.

"We need to obtain as much data as possible," Snow says, "because the study of this particle's properties and its decay characteristics can reveal many unknown properties of the nature of the physical world." ■

—Jan Barkley

Seminar on Planetary Excavation Held

Establishing a permanent base on the Moon is a possible next step in the U.S. exploration of space. Survival of the inhabitants of such a base station will depend on the rapid construction of shelters and oxygen production facilities which will require the development of new construction technology. This, in turn, will depend on efficient excavation and material handling techniques.

These techniques are the focus of study by the UMCP Planetary Construction Research Group.

The group is a multi-disciplinary enterprise founded by assistant professor of civil engineering Leonhard Bernold. The group also includes Richard Dick and William Fourny of the mechanical engineering department—both of whom have extensive experience in mechanical testing and chemical explosives, which has the potential for use in rapid excavation techniques in hostile planetary

environments—and Deborah Goodings, a civil engineer with special expertise in small scale geotechnical modeling.

The group participated in a one-day seminar sponsored by the university's Engineering Research Center and the Departments of Civil and Mechanical Engineering on planetary excavation that was held at UMCP Friday, Sept. 8.

The seminar featured experts from NASA, the construction industry, and government and university research laboratories.

Bernold says the seminar had three objectives: to understand the direction and schedule for development of this aspect of the space program, to learn the role of private civil and mechanical engineering firms in the program, and to introduce current research in planetary construction and excavation being carried out by government and university laboratories. ■

UMIACS Holds First Special Summer Fellowship Program in Computer Science

Four exceptionally talented high school students from Eleanor Roosevelt and Oxon Hill high schools in Prince George's County took part in UMCP's first Special Summer Fellowship Program in Computer Science last July and August.

The four students are Sergey Brin, Hubert Chang, Nguyn Long, and Jean Wang.

For six weeks the four, three of whom are now seniors and one who is a junior, worked directly with four senior UMCP computer science professors and two graduate student assistants on selected computer programming projects developed by the faculty members. As an added incentive, and to compensate for a loss of summer job income they

might have earned, each student received a weekly \$200 stipend.

Jo Weinstein, director of administration services at the University of Maryland Institute for Advanced Computer Studies (UMIACS), helped oversee the project. She says the goal of the summer fellowship program is not only to expose highly talented high school students to the field of computer science, but to encourage them to consider the College Park campus when applying to undergraduate school.

UMIACS director Larry Davis, who also directed the summer program, hopes to be able to expand it next summer to include more students from high schools in other Maryland counties. ■

Agriculture Study Assesses Crop Insurance Programs

Droughts in the United States in the last few years have renewed interest in agricultural crop insurance. While crop insurance participation varies from the national average of about 25 percent—from 2.9 percent in Maryland to 75 percent in Montana—many growers are dissatisfied with the current structure of federal insurance packages.

To study how existing federal crop insurance programs can be made more efficient and more attractive to farmers, UMCP's Department of Agriculture and Resource Economics is cooperating on a \$100,000 research project with the Commodity Economics Division of the U.S. Department of Agriculture's Economic Research Service.

The study will determine how farmers decide to buy crop insurance, how they choose coverage levels, and how these decisions can be made more efficiently.

The study comprises two surveys. The

national survey will contact 2,700 growers of corn, sorghum, soybeans, wheat, rice and cotton. More than 600 of these growers purchased multiple-peril crop insurance in 1988. This survey will determine if farmers tend to use crop insurance as a substitute for other risk reductions such as applying the correct pesticides and fertilizers.

Another survey of 400 Maryland and Delaware corn and soybean growers on the Delmarva Peninsula will allow researchers to compare Maryland crop insurance patterns with national patterns.

The results of this study and others being conducted in Saskatchewan, Canada, through a cooperative agreement between Gov. William Donald Schaefer and Saskatchewan Premier Grant Devine, will be presented at a March 1990 conference in Regina, Saskatchewan. ■

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor Outlook, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 454-5335.



Dorfman to Speak at First Campus Senate Meeting

Robert Dorfman, vice president for academic affairs and provost, will address the Campus Senate during a special session of its first meeting on Monday, September 18, 1989, from 3:30 to 6:30 p.m. in room 0126 of the Reckord Armory. Other agenda items include elections of the chair-elect and the Executive Committee as well as reports by the committees on Educational Affairs and Faculty Affairs and the Adjunct Committee on Student Conduct. For more information, call Kathleen Smith at 454-4549.

New Honors Director Encourages Faculty Participation



Carolyn Boyd

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the specialist in 20th century Spanish history worked with honors students and taught numerous honors courses.

"College Park has committed substan-

tial support to the program," Boyd notes. "The main purpose of the funding is to enable departments to release faculty members to teach honors versions of regular courses or honors seminars."

In its review of the University Honors Program and its financial implications, members of the Academic Program Advisory Committee (APAC) unanimously supported the Senate recommendations, calling them expenditures appropriate to the campus' renewed commitment to academic programs for its best students.

During the program's scheduled first full year of implementation—1990-91—APAC recommends a budget of \$360,000—\$150,000 to support development of honors seminars, \$100,000 for honors versions of regular courses, \$80,000 for staff and \$30,000 for operations. The cost of the honors program over six fiscal years (1989-95), including \$162,000 for 100 four-year, full-tuition honors scholarships, is projected by APAC to be \$988,000.

The coordinating role of the University Honors Program, Boyd believes, will link departmental honors students in ways that currently don't exist. And the creation of an honors dorm, now scheduled for completion in Anne Arundel Hall in fall 1991, will provide coordinated living and learning opportunities designed to benefit students both personally and intellectually.

"There is a whole community up there (North Hill) with the language and international houses, art gallery, and theatre; it's just terrific," Boyd says. She is already working with Resident Life to establish honors floors in other dorms for the

Honors Implementation Committee

The following are the members of the University Honors Implementation Committee convened during the summer by Kathryn Mohrman, dean for undergraduate studies.

The committee, which includes students, faculty and administrators, will be meeting throughout the fall semester to implement five resolutions adopted by the Campus Senate last April to create the University Honors Program. The committee expects to have details of the new program in place by the spring semester.

Members of the UMCP community interested in learning more about the University Honors Program, developing program ideas or teaching courses should contact either Carolyn Boyd or any of the following individuals.

Cindy Ang, student, **Stephen J. Carroll**, professor, College of Business and Management, **Subrata Dutta**, student, **Cal Ellis**, student/alumnus, **Marsha**

Guenzler, assistant director, Stamp Student Union, **John Auchard**, director, English Honors Program, **Elke Frederiksen**, associate professor, Department of Germanic and Slavic Languages and Literatures, and **Diana Jackson**, assistant dean, College of Behavioral and Social Sciences.

Other committee members include **Al Klavon**, assistant dean, College of Life Sciences, **Larry Leak**, assistant professor, College of Education, **Alice Mignerey**, associate professor, Department of Chemistry and Biochemistry, **Jennifer Moriatis**, student, **Bonnie Oh**, assistant dean, Undergraduate Studies, **Adam Pinchuck**, student, **Stephanie Robinson**, student, **Mady Segal**, associate professor, Department of Sociology, **Mahmud Siddiqi**, student, **George Snow**, professor, Department of Physics and Astronomy, and **Clarence Stone**, professor, Department of Government and Politics. ■

some 500 honors students living on campus this fall, with the goal of creating honors clusters around the campus.

"The University Honors Program will allow students to take a more direct role in their own education, to help design their own programs, to interact more closely with faculty, to engage the sub-

ject material in a much more active way," Boyd notes. "They will have a lot more options and can have the best of both worlds—the closeness and intimacy of a small, liberal arts college and the enormous resources of a major research university." ■

—Tom Ottwell

Underground Wiring Starts

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munication services, engineering and architectural services and campus parking are overseeing different aspects of the project.

"You couldn't have a meeting that included everyone who's working on this project. Cole Field House is the only building on campus large enough for that group," says Jon Rood, director of communication services.

"It's an enormous project. Everyone on campus is affected," he adds.

The most severe disruptions of the campus' daily routine that will be caused by the project are likely to occur during the wiring of the new system. And the bulk of that work will occur during the next nine months, Rood says.

The system will be centered in the new \$3.3 million Telecommunications Building that is currently under construction near Hornbake Library. The cables will snake out from that central point and connect with each communication outlet on the campus.

To construct this system of interconnections, workers must first lay the underground conduit, a hollow casing which protects the actual wiring in the system. To install the conduit, workers must dig trenches of varying length and

width. Officials expect the project's 54,000 feet of conduit to be laid and buried by the end of the fall semester.

Once the conduit is in place, workers will run the cable through the casings. During this process, AT&T cable trucks will dot the campus as they feed cable into the system.

Meanwhile, each building on campus will be wired separately on the inside. Eventually, each building will be connected to a branch of the underground line. All branches of the underground line will converge in the switch room of the new telecommunications building.

When these steps are completed, the campus will be wired.

Parallel to this activity is the whole process of ordering and installing the equipment that will sit in offices and residences on the campus.

All the digging, construction, drilling, wiring, ordering and planning during the next 11 months will be directed toward a single day late next summer. On that day, the campus will abandon its old telecommunications network and switch over to the new system.

The specific date depends on the pace of the work over the next 11 months. Rood expects the switch-over to occur sometime next August. ■

—Brian Busek

Construction Season Continues at UMCP

In addition to the massive digging, wiring and building effort associated with the new telecommunications system, more \$50 million in other construction projects are in progress at UMCP.

Some major projects such as the \$14 million McKeldin Library addition are in their final stages and should be finished by Christmas, says Jean Whittenberg, director of engineering and architectural services. Other major projects such as the new \$22 million building that will house the College of Business and Management and the School of Public Affairs are scheduled to leave the drawing board and go under construction by Christmas.

Here is a recap of major construction and renovation activity at UMCP:

- Two major projects—the addition to McKeldin Library and the \$11 million Veterinary Science Research Center—are scheduled for completion in December. The veterinary science building is located on Metzert Road.

- The \$14 million Animal Sciences Building north of Lot 11 is about half finished. The target date for completion is December 1990.

- Ground-breaking on several projects is slated for either the end of the fall

semester or early next year. A \$9 million utility building will be constructed north of the South Campus Dining Hall. The \$22 million building for the College of Business and Management and School of Public Affairs will be built on a site on Lot 1. A \$16.5 million addition is planned for the A.V. Williams Building.

In midst of all the construction, several long-term projects were completed as the fall semester began. These include:

- The grand opening of newly renovated Tawes Plaza will be held at 3 p.m. Sept. 19 on the plaza. A water fountain is the centerpiece of the restyled courtyard. The \$250,000 project was started in the spring of 1988.

- Other grounds projects completed during the summer include the expansion of parking lots A and D and the garden area at the east end of McKeldin Mall. The addition of a water fountain to McKeldin Mall has been postponed until next year, says Dennis Nola, manager of grounds development.

- The \$4 million renovation of Calvert Hall is completed. ■

Calendar

September 11-20

Learn About Women's Studies Activities

Women's Studies is sponsoring an Assembly-of-the-Whole on Friday, Sept. 15 from 3:15 to 5 p.m. in the Maryland Room of Marie Mount. The event is open to everyone—students, faculty and staff—who is interested in learning more about Women's Studies, feminist research and activities on campus. The program will feature time for introductions in both large and small groups and a reception from 5-6 p.m. following the formal meeting. Call 454-3841 for info.

11 MON

Art Exhibitions: "Picturing America: Art as Expression and Education, 1920-1945" and "The Andy Warhol Athlete Portraits," selections from the permanent collection, today through Nov. 22, The Art Gallery, Art/Sociology Bldg. Call x2763 for info.

Art Exhibition: "WPA Black Print-makers," organized by Lehman College Art Gallery, today through Oct. 22, reception tomorrow, The Art Gallery, Art/Sociology Bldg. Call x2763 for info.

"The Faces of AIDS," a photography and quilt exhibition in conjunction with the N.A.M.E.S. Project, Parents Association Gallery, Stamp Union, today through Oct. 8. Call x8309 or x4754 for info.

Computer Science Center Open House, 10 a.m.-3 p.m., Hornbake 24 hour study room (ground floor). Call x4225 for info.

New Student Celebration, a free picnic lunch for all new students, 11:30 a.m.-1:30 p.m., McKeldin Mall (under the tent). Call x2807 for info.

Office of Minority Student Education Open House, 1-4:30 p.m., 1101 Hornbake Library. Call x4901 for info.

Learning Assistance Service Coffee and Conversation, 2-3 p.m., 2201 Shoemaker Bldg. Call x2935 for info.

Study Skills Workshop, 3-4 p.m., 2201 Shoemaker Bldg. Call x2935 for info.

Experiential Learning Programs Workshop: "A Kaleidoscope of Opportunities," information about internships, cooperative education, volunteer service and student exchange opportunities, 3 p.m., today, 12:30 p.m. tomorrow, 2 p.m., Sept. 20, 0119 Hornbake Library. Call x4767 for info.

Space Science Seminar: Response of Energetic Ions to Pc 5 Waves: AMPTE/CCE Results," Kazuo Takahashi, Johns Hopkins U., 4:30 p.m., 1113 Computer and Space Sciences Bldg. Call x3136 for info.

12 TUE

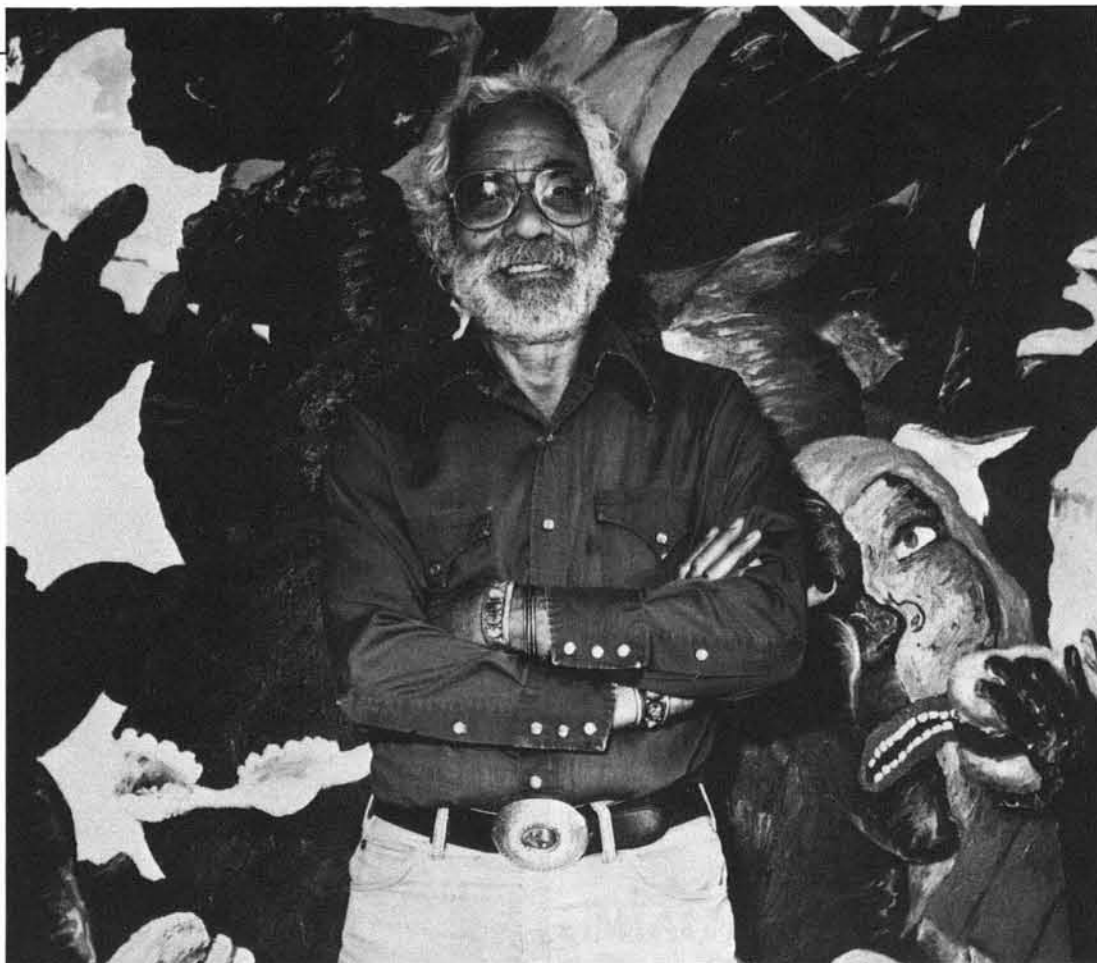
Computer Science Center Open House, 10 a.m.-3 p.m., Engineering and Physical Science Library. Call x4225 for info.

Broadening Your Horizons: How to Benefit from Campus Cultural Diversity, 2-3:30 p.m., 2146 Stamp Student Union. Call x4707 for info.

Department of Dance Open House, 5-6:30 p.m., Temporary Building EE Room 1115. Call x4056 for info.

Movies: "Jesse James" and "Destry Rides Again," Hoff Theater. Call x2594 for info.

Maryland Volleyball vs. George Mason, 7 p.m., Cole Field House. Call x2123 for info.



On Sept. 13 painter Robert Colescott will be the first speaker in the Art Department Minorities and Women Lecture Series. See story on page five.

13 WED

Employee Development Seminar on Career Counseling, Mac Sadoris, UMCP Personnel Services, 9 a.m.-noon, 4201 Hornbake Library. Call x4811 for info.

Computer Science Center Open House, 10 a.m.-3 p.m., 3330 Computer Science/Space Science Bldg. Call x4255 for info.

"Sun Moon Festival," Chinese New Year festival featuring music, performance and art exhibition, 11 a.m.-1 p.m., Atrium, Stamp Union. Call x4987 for info.

Sexual Harassment: UMCP Policy and Procedures, 2-3:30 p.m., 2146 Stamp Union. Call x4124 for info.

United Campus Ministry Open House and Information Fair, 3:30-5 p.m., Memorial Chapel Lounge. Call x2348 for info.

Literary Theory of Beginnings/Endings Lecture: "The Concept of Ideology," Terry Eagleton, Oxford U., 3:30 p.m., 2203 Art/Sociology Bldg. Call x2511 for info.

Art Department Minorities & Women Lecture: painter Robert Colescott will discuss his work, 7:30 p.m., Art/Sociology Bldg. Call x0344/5 for info.

Movies: "Destry Rides Again" and "Jesse James," Hoff Theater. Call x2594 for info.

Opening Interdenominational Worship, "Where There is No Vision The People Will Perish," The Rev. Kathleen Kline-Chesson, 5:15-6 p.m., Main Chapel. Call x2348 for info.

Alpha Epsilon Rho (National Broadcasting Society) first

meeting, 7-8:30 p.m., 0147 Tawes Fine Arts Bldg. Call x5752 for info.

American Studies Lecture: "Liberty and Corruption in the Jeffersonian City," Dell Upton, U. of California, Berkeley, 8 p.m., 2309 Art/Sociology Bldg. Call x4661 for info.

University Theatre Open House, 8 p.m., Tawes Theater. Call x2201 for info.

14 THU

Computer Science Center Open House, 10 a.m.-3 p.m., Centreville Hall. Call x4255 for info.

CHPS Lecture: "Early American Mental Testing: Pre-1945 Roots of Current Controversies," Michael Sokal, Worcester Polytechnic Institute, 4 p.m., 1117 F. S. Key Hall. Call x2850 for info.

Movie: "Great Balls of Fire," Hoff Theater. Call x2594 for info.

Vietnamese Student Association Orientation and First General Meeting, 5:30-7:30 p.m., Prince George's Room, Stamp Union. Call x5752 for info.

Baptist Student Union Cook-Out, 6:30 p.m., South Chapel Lawn. Call x4604 for info.

15 FRI

Computer Science Center Open House, 10 a.m.-3 p.m., Worcester Hall. Call x4255 for info.

Women's Studies Assembly-of-the-Whole, featuring information about Women's Studies Program

activities, 3:15-5 p.m., Reception, 5-6 p.m., Maryland Room, Marie Mount Hall. Call x3841 for info.

Movies: "Great Balls of Fire" and "Heavy Metal," Hoff Theater. Call x2594 for info.

Welcoming Dance Party, 8:30 p.m.-1:30 a.m., Atrium, Student Union. Call x5752 for info.

16 SAT

CLIS Student Research Mini Conference, 8:30 a.m.-4:15 p.m., 1137 Stamp Union, \$25. Call x5441 for info.

Maryland Football vs. Western Michigan, 1 p.m., Byrd Stadium. Call x2123 for info.

Women's Soccer vs. LaSalle, 1 p.m., Denton Field. Call x2123 for info.

Movies: "Great Balls of Fire" and "Heavy Metal," Hoff Theater. Call x2594 for info.

17 SUN

Men's Soccer vs. Virginia, 2 p.m., Denton Field. Call x2123 for info.

Movie: "Great Balls of Fire," Hoff Theater. Call x2594 for info.

18 MON

Time Management Workshop, 2-3 p.m., 2201 Shoemaker Bldg. Call x2935 for info.

College of Agriculture Picnic, 3:30-6:30 p.m., Symons Hall Courtyard. Call x3938 for info.

Campus Senate Meeting, 3:30-6:30 p.m., 0126 Reckord Armory. Call x4549 for info.

Study Skills Workshop, 3-4 p.m., 2201 Shoemaker Bldg. Call x2935 for info.

Space Science Seminar: "Large-Scale Birkeland Currents," Tom Poterma, Johns Hopkins U., 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call x3136 for info.

Maryland Field Hockey vs. Georgetown, 7 p.m., Turf Field. Call x2468 for info.

19 TUE

Employee Development Seminar: English Refresher with Karen Smith, State Clerical Training Inst., 9 a.m.-4 p.m., today in Maryland Room, Marie Mount Hall, tomorrow in Physical Plant Training Room, \$35. Call x4811 for info.

Black Women's Council Fall Welcome, noon-4:30 p.m., Nyumburu Cultural Center, South Campus Dining Hall. Call x4124 for info.

Movies: "Ninotchka" and "The Little Princess," Hoff Theater. Call x2594 for info.

Feminism Seminar: "Gender and Race," Bonnie Thornton Dill, Memphis State U., 8 p.m., 2203 Art/Sociology Bldg. Call x3841 for info.

20 WED

Pakistani Student Association Welcome Hour, 2:30-5:30 p.m., 0202 Jimenez Hall. Call x0202 for info.

Men's Soccer vs. Richmond, 3 p.m., Denton Field. Call x2123 for info.

College of Life Sciences Reception, 3-4:30 p.m., 2277 Zoo/Psychology Bldg. Call x6332 for info.

College of Engineering Picnic, 4 p.m., reception in 1202 Engineering Bldg., picnic to follow on the plaza. Call x2421 for info.

Movies: "The Little Princess" and "Ninotchka," Hoff Theater. Call x2594 for info.

Women's Soccer vs. William & Mary, 5:30 p.m., Denton Field. Call x2123 for info.

Women's Volleyball vs. American U., 7 p.m., Cole Field House. Call x2123 for info.

** Admission charge for this event. All others are free.*

Calendar information may be sent to John Fritz, 2101 Turner Laboratory or (via electronic mail) to jlfritz@pres.umd.edu.

Creative and Performing Arts Board Announces Awards Deadline

The deadline for applications for Summer Awards through the Creative and Performing Arts Board is 12 noon, Sept. 25. Applications are available from Diane Ihasz in room 2133B of the Lee building. Only tenure track faculty members continuing as members of the university faculty in the year following receipt of the award are eligible for consideration. Award recipients will be notified in mid-November. For more information or applications, call Ihasz at 454-4001.

ARTS AT MARYLAND

Two Lecture Series Bring Art and English Experts to Campus

Art Department: Minorities and Women in Arts

The diversity of roles that minorities and women now occupy in the art world is the focus of a Department of Art Lecture Series this year.

The series will bring artists, curators and administrators—all of whom are minorities or women—to campus as part of the year-long program. The line-up is designed to demonstrate the diversity and influence of minorities and women in the arts, says Claudia DeMonte, professor of art and chair of the committee that planned the series.

The program for the Fall Semester is:
•Robert Colescott, 7:30 p.m. Wednesday, Sept. 13. Colescott is a painter who teaches on the faculty at the University of Arizona. He is known for thought-provoking paintings that deal with the ways in which blacks are portrayed. Some of his images feature stereotypical

black figures; others place blacks in untypical settings. An example of the latter is a painting in which Washington's crossing of the Delaware is led by a black man.

•Elizabeth Catlett, 7:30 p.m. Tuesday, Sept. 26. A Washington native and internationally known sculptor, Catlett is the former sculpture director of the National School of Fine Arts at the National University of Mexico.

•Mel Chin, 3 p.m. Thursday, Oct. 5. The well-known sculptor's work was featured in a one-person show at the Hirshhorn Museum in 1988.

•Howardina Pindell, 12:30 p.m. Thursday, Oct. 19. Pindell is a painter and a former curator at the Museum of Modern Art. As an observer of the art scene, Pindell is known for her statistical study which suggested that major museums have little interest in the work of black women artists.

•Nancy Holt, 12:30 p.m., Tuesday, Nov. 7. A leading sculptor, Holt primarily does

large on-site sculptures for public settings.

The Colescott and Catlett lectures will be held in Rm. 2209 of the Art/Sociology Building; the others will be held in Rm. 1309. The program will continue in the Spring Semester. For more information call 454-0344.

English Department: Beginnings and Endings

With the 20th century nearing its end, literary theorists at UMCP find it a good time to review different schools of literary thought and to try anticipate what the future might hold.

The result is an English department lecture series, "Literary Theories of Beginnings/Endings." During the Fall Semester, the series will include lectures that deal with theoretical foundations, reevaluations of seminal work in such fields as feminism, and colonial discourse.

The series' Fall Semester lectures are:

•Terry Eagleton, fellow and tutor at Wadham College, Oxford University, will present a lecture on "The Concept of Ideology" at 3:30 p.m. Wednesday, Sept. 13, in Rm. 2203 of the Art/Sociology Building.

•Toril Moi, a professor in the literature program at Duke University, will speak on "Simone de Beauvoir: The Making of an Intellectual Woman" at 3:30 p.m. Monday, Oct. 23, in Rm. 2309 of the Art/Sociology Building.

•Jean Franco, a professor of Spanish and Portuguese Languages and Literatures, will present a lecture, "I Was There. Violence and Personal Testimony," at 5 p.m. Thursday, Nov. 30, in the Language House.

The first two lectures are co-sponsored by the Graduate School. The series continues during the Spring Semester. For more information, call 454-2511. ■

UMCP Professor Edits Popular Journal of Labor History



Labor's Heritage, a new journal of labor history, is edited by Stuart Kaufman, professor of history.

The voice of labor now speaks from magazine stands thanks to the efforts of a UMCP professor of history.

Stuart Kaufman, professor of history, is the founding editor of *Labor's Heritage*, a new quarterly journal designed to present the history of the labor movement to the general public. The journal, which began publishing in January, features articles written by academic historians along with pieces from such sources as museum curators, folklorists and musicians.

Labor's Heritage is published by the George Meany Memorial Archives, the official archives of the AFL-CIO. The archives, located in Silver Spring, were founded in 1987. Kaufman, who serves as archive director, spent the 1987-88

and 1988-89 academic years there on leave from UMCP.

"A sense of the history of labor is something that often seems to be missing in our culture," Kaufman says.

"We have *Forbes* and *Fortune* telling us about business and the history of business. Our journal is a place to explore, preserve and disseminate the complex history of American labor."

Articles in early issues of the journal included a recounting of the early 20th century career of a management spy, a story on women in the United Auto Workers Union, a profile of the railroad town of Bloomington, Ill., and a feature on artist Ben Shahn. Many historical images including old photographs, posters and pamphlets accompany the articles. ■

—Brian Busch

University Theatre Pulls Scripts From Many Shelves for 1989-90

From the retelling of an enduring Greek tragedy to a musical based on a 'B' movie, University Theatre will mix classic and contemporary theater during its 1989-90 season.

Season subscriptions currently are available through the Tawes Theatre Box Office (454-2201) for a season that will feature three productions in Tawes Theatre and four productions in the Rudolph E. Pugliese Theatre.

The season will open Oct. 17 in the Pugliese Theatre with the Jean Anouilh version of the Greek tragedy, *Antigone*.

The play tells the story of a woman whose efforts to give her dead brother a proper burial in defiance of the conventions of society result in her own death. Anouilh, a 20th century French playwright, writing after World War II, presents the story as a conflict between human rights and the political and moral order of society.

Performances of *Antigone* are Oct. 17-Oct. 29.

Little Shop of Horrors, a musical based on a low-budget horror movie will be the season's first Tawes Theatre show.

The story centers on an invasion by man-eating plants that sing 1960s rock 'n' roll music. The script has already enjoyed a double-life in the cinema—first as a Roger Corman film of the early 1960s and later as a 1980s remake.

The show will run Nov. 9-12 and Nov. 16-18.

Christopher Durang's *The Marriage of Bette and Boo* will be presented Nov. 28-Dec. 10 in the Pugliese Theatre. The contemporary comedy examines the fumbling attempt of a young couple to make a home for themselves. The play is recommended for mature audiences.

Arthur Miller's allegorical drama, *The Crucible*, will be presented Feb. 15-18

and Feb. 22-24 in Tawes Theatre. The story shows how hysteria and repression overwhelm a 17th-century New England village when some villagers are suspected of practicing witchcraft.

Written in the era of the McCarthy hearings, the tale of Colonial witch trials mirrors the Communist "witch hunts" of the 1950's.

The Singular Life of Albert Nobbs will introduce campus audiences to an unusual tale based on a true story.

Simone Benmussa's drama examines the life of a 19th century Irish woman who chose to live her life impersonating a man. The woman made this choice in order to live an independent life—an option not available for a woman of her time and place.

Trapped in the new life, the woman finds herself coping with unanticipated boundaries.

Performances are Feb. 27-March 11 in the Pugliese Theatre.

Moliere's classic comedy, *The School for Wives* is the final Tawes Theatre production. The play will be presented April 5-8 and 12-14.

The season will conclude with *Baby*, May 1-13 in the Pugliese Theatre. The contemporary musical focuses on the dilemma that conception brings to three very different couples.

Two unmarried college students and a couple celebrating their 25th wedding anniversary must deal with the unwelcome news that they are about to have babies. Meanwhile, a couple in their prime child-bearing years desperately try to have a baby but find they can't.

During the run of each production, a discussion on the issues and ideas involved in the play will be held after the second Thursday performance. ■

Young Testifies on Census

Peyton Young, professor of public policy in the School of Public Affairs, believes the method used to reapportion the House of Representatives once the count of next year's national census is completed is unfair to the larger states. Young, in testimony presented recently to the Senate Subcommittee on Governmental Information and Regulation, said he is not sure the current apportionment method meets the "one person one vote" standard. After each census the seats in the House are redistributed among the states using a complex formula.

CLOSE UP

School of Public Affairs Physicist Studies Nuclear Arms Control

In what appears to have been an extraordinarily brief period of time, Steve Fetter has accomplished a singular amount.

An assistant professor in the UMCP School of Public Affairs since August 1988, he holds a B.S. in physics from MIT (his thesis: "Vulnerability of Nuclear Reactors to Attack by Nuclear Weapons"), and M.S. and Ph.D. degrees in energy and resources from the University of California at Berkeley.

At 29, he's been a research assistant, a teaching assistant, a visiting scientist, a postdoctoral fellow at Lawrence Livermore National Laboratory, and a research fellow at the Center for Science and International Affairs at Harvard.

He attended the 1989 Pugwash Conference on Science and World Affairs in Cambridge, Massachusetts where he delivered a paper on verifying START.

Fetter comes from a small farming community north of Harrisburg, Pennsylvania. His wife Marie is a certified nurse midwife and both their children Emily, 3 1/2 and Max, six months, were born at home. On their honeymoon, the Feters spent two months bicycling cross-country from Boston to Seattle to Vancouver, BC. Avid cyclists, they also have toured Alaska, British Columbia, England, Scotland and New England.

Both Feters are Mennonites, the historic peace and pacifist church, a particularly interesting contrast with his professional interest in analyzing the technology and politics of nuclear weaponry.

It was while he was studying physics as an undergraduate that he became acquainted with the work of MIT physics professor Kosta Tsipis, an authority on the technical aspects of arms control, and who later became Fetter's faculty advisor.

"Political problems are much more alluring to me than pure physics," he says. "I'm too distracted by the rest of the world around us."

Fetter has written about verifying limits on strategic nuclear weaponry, long-term waste from fusion reactors, arms control, the effects of nuclear detonations and nuclear war, and protecting military space systems. His book, *Toward a Comprehensive Test Ban*, was published last year.

For two years at Harvard he focused

on the issues of nuclear testing, test ban treaties, inspection, and nuclear weapons testing in outer space. Recently, his interests have shifted to verifying limits on sea-launched nuclear missiles.

Last July, as part of what he sees as evidence of "military glasnost," Fetter was a member of the first U.S. team ever to inspect a Soviet man-of-war, the 600-foot, 600 crew guided missile cruiser *Slava*.

The other members of the U.S. scientific team included Lee Grodzins, of MIT, Henry Lynch, of the Stanford Linear Accelerator Center and Martin Zucker, of Brookhaven National Laboratories.

Three congressional observers also took part.

The team investigated methods of determining whether nuclear or conventional warheads were deployed on sea-launched missiles. Detectors placed on the shipboard missiles' launch canisters

detected radiation emitted by decaying uranium 235 and plutonium 239, fissionable material produced by nuclear weapons. "We were able to easily tell that nuclear weapons were on board the ship," Fetter says.

The idea of the inspection was to demonstrate a method of arms control inspection using simple radiation detection monitors to tell the difference between nuclear and conventional weapons.

Fetter notes that there has been some discussion about the possibility of declaring certain classes of warships to be nuclear free. The inspection demonstrated a means of verifying such a nuclear free ship.

He calls the Soviet authorities' permission for this first-time shipboard on-site inspection, arranged by Deputy Foreign Minister Viktor Karpov, nothing short of remarkable. "The shoe is now on the other foot," Fetter says of the current

Soviet position on arms control. "The U.S.S.R. is more open, the U.S. more restrictive."

"They appear to be wide open as to a framework of a strategic arms reduction treaty."

Some Soviet officials have even expressed a willingness to ban all sea-launched nuclear cruise missiles. This would be very beneficial to the U.S. Most of our major population centers are located on the coast and it is very difficult to protect against a sea launched missile attack," he says.

"We would also benefit from limits on weapons that could destroy a whole aircraft carrier task group. After all, we're the one with the big navy."

Fetter had initially proposed the idea of the on site inspection. E.P. Velikhov, vice president of the Soviet Academy of Sciences and head of the Soviet equivalent of the U.S. Congressional Arms Services Committee and close personal and scientific advisor to President Gorbachev arranged for it to happen.

"The Soviets have discovered that the bluff tactics they have employed in past years were self-destructive," the UMCP professor says.

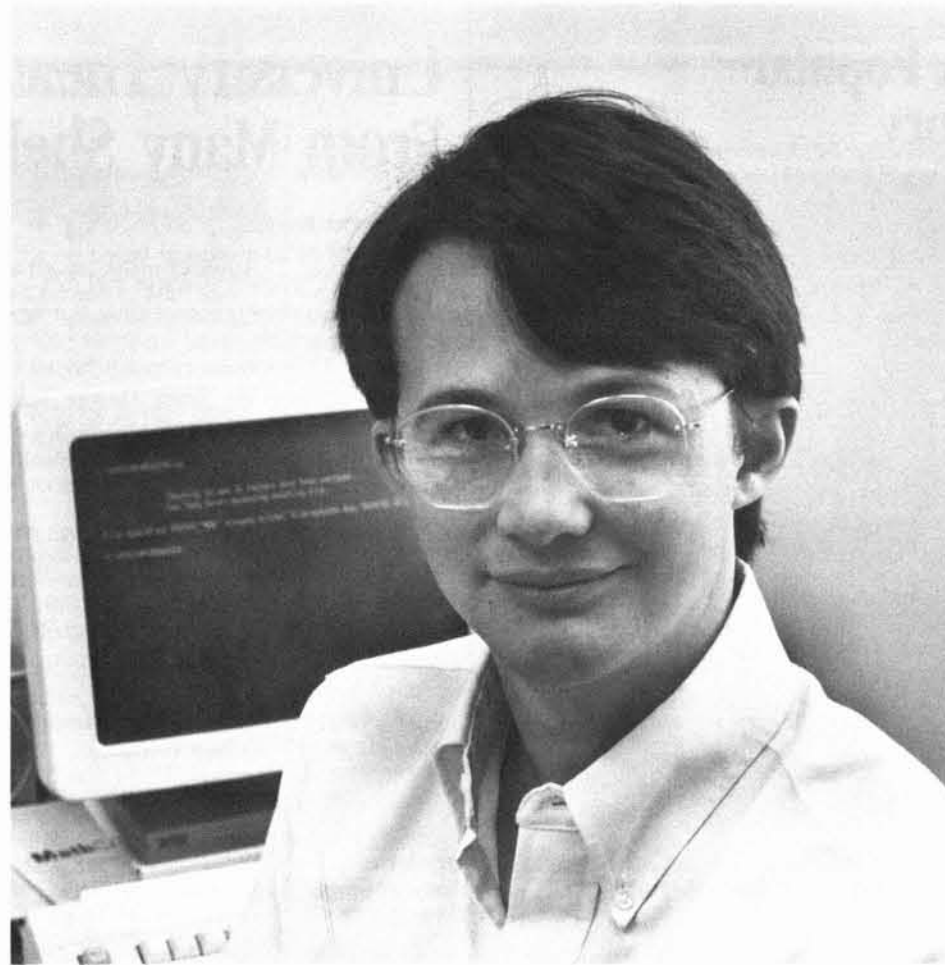
"We cannot buy security in the nuclear age. There is no technical fix that will allow us to escape the threat. The 40-year lesson of the nuclear age is that cooperation is better for our security than confrontation," Fetter believes.

Fetter is teaching four courses this year. "National Security in the Nuclear Age," focusing on US national security policy since 1945; "Science, Technology and National Security," a class on how weapons work; "Quantitative Methods of Defense Analysis," how the Pentagon makes (or *should* make) decisions, and co-teaching "Global Environmental Problems."

The Vietnam War discouraged many people in academics from working on military and security problems, Fetter believes.

"It is hard to think of many people now in their 40s who are engaged in this field," he says. "A number of the physicists involved in the Manhattan Project later became active in the area of security and arms control. I'm just following in that tradition." ■

—Tom Ottwell



Steve Fetter

Book Examines Test Ban Debate Issues

For the past 30 years, achieving a ban on all nuclear weapons testing has been an elusive goal of proponents of arms control.

"Concerned citizens, defense intellectuals, policymakers, military leaders, and weapon designers continue to reiterate many of the same arguments made decades ago, even though the strategic and political environment has changed considerably," writes Steve Fetter in his new book *Toward a Comprehensive Test Ban*.

An authority on fission and fusion, reactor safety, radioactive waste disposal, space policy, and arms control verification, Fetter's book has been called the first to examine all the key issues in today's test ban debate.

The UMCP professor says he believes the time is ripe for a thorough reexamination of the issues surrounding a test ban.

His book challenges the conventional wisdom of those supporters of a comprehensive test ban who claim it would

end the arms race and curb proliferation and that problems of verifying a ban have long since been solved. It also challenges test ban opponents who claim that the United States must test as long as it depends on nuclear deterrence for its security and that the Soviet Union could obtain important advantages by cheating.

"The debate about the desirability of a comprehensive test ban treaty is almost entirely an argument over nuclear strategy," Fetter says. "It is my conclu-

sion that such a ban would serve the security interests of the United States by pointing away from dangerous strategies of nuclearwarfighting and by reinforcing the nonproliferation regime.

"The debate over the practicality of a test ban is almost entirely an argument about the efficiency of available verification technologies. . . I believe that we should reach for the full prize and secure our future through a comprehensive test ban." ■

Avoid Purchasing and Vendor Hassles

Employee Relations is again offering one of its most popular seminars, "Taking the Puzzle out of Procurement and Supply," on Sept. 27 from 9 a.m. to noon, with a question and answer session from 1-2:30 p.m. Rather than dealing with the mechanics of completing forms and requisitions, the course is designed to show you how to get what you need when you need it, including a section on how to buy computers. Class size is limited; the registration deadline is Sept. 20. Call 454-4811 for info.

COLLEGE PARK PEOPLE

Shuttle-UM Runs on "Shuttle Glue" and Family Ties

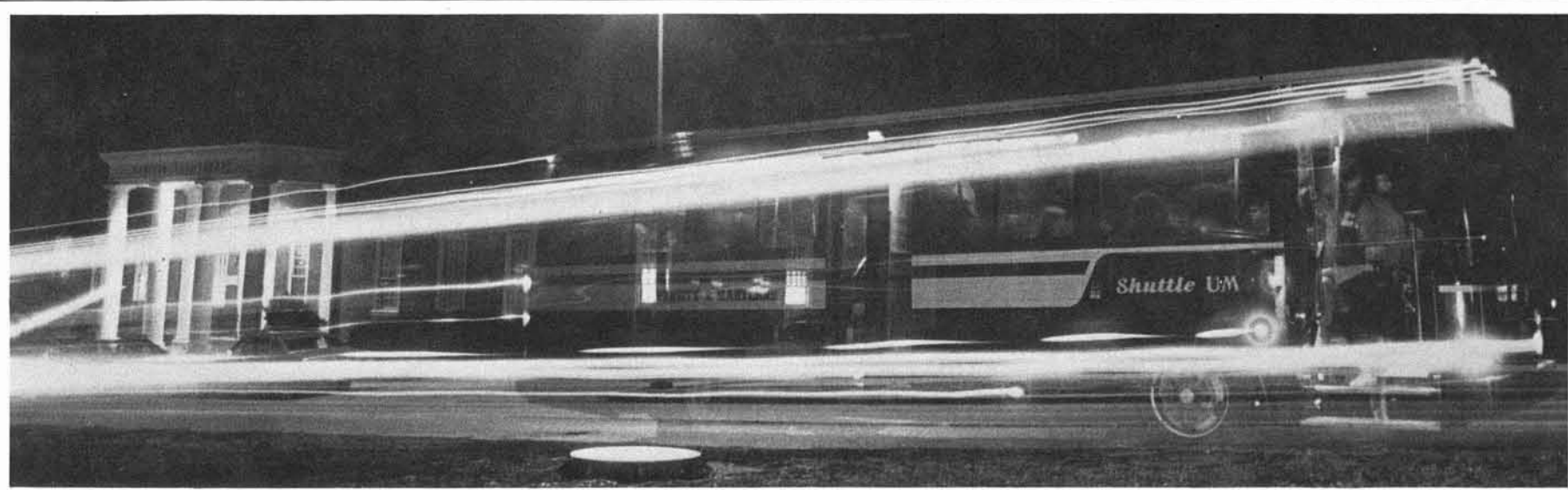


Photo by Eric Kelley

There is something called "shuttle glue." **Barri Wilner Standish**, general manager for the Shuttle-UM Transit System, doesn't quite know how to explain it...

"It's invisible, crystal clear, spreads easily and contains lots of different ingredients—but each individual ingredient is very important," she says, adding, "I wish I could bottle it."

But she does know that it works. Ties are close among the employees at the Shuttle-UM, one of the oldest shuttle bus services in the country and the only one daily managed and operated entirely by students.

Standish says that the staff is like one big family.

"But like a real family," she says of the over 100 student employees who work as drivers, dispatchers, maintenance assistants, trainers and system managers. "We fight like a real family, and we get along like a real family. Our responsibility is to put up a united front. The students know that if one person messes up, the whole system takes the flak for not doing a good job."

But there are student employees who are more like family than others—actual husbands and wives, brothers and sisters.

Standish says that she's seen a couple of dozen marriages during her stint as general manager.

"There is a relaxed friendly atmosphere here," says student driver **Sharon Nesky**, a senior majoring in government and politics. "I've met a lot of my friends here."

And a husband, as well.

Sharon's husband, **John**, who graduated in 1988 with a degree in criminal justice, was a shuttle driver during his four years at UMCP.

He and Sharon met at the shuttle, later began dating, married and now have a one-year-old daughter.

Sharon's brother, **Bob Hayes**, a former transportation major who now works for a consulting firm, also worked for the shuttle, and met his wife, **Elisabeth** there, as well.

Then there is the Hersey Dynasty, as Standish calls it. Three brothers and two sisters who have all worked for Shuttle-UM.

Student driver **Dorothy Hersey**, a junior transportation major, is the youngest Hersey.

"We're the largest family here," says Hersey. "I think there's a family with four, but we got 'em topped."

Older brother **Ted**, a senior industrial technology major, is currently a student maintenance assistant. He has been with the shuttle service for five years.

Oldest brother, **Bill**, was the first Hersey to find employment at Shuttle-UM. He was then followed by **John**, **Ann**, **Ted** and **Dorothy**.

"All the jobs we've had have been passed down," says Dorothy. "We all worked for the same pharmacy in Baltimore after Bill got the job first."

Standish says that one reason close bonds are formed is that many of the students tend to live together in three or four houses.

"It's just easier," she says. "It would be hard to have a roommate that got paged in the middle of the night or was on the run all day. They (student employees) understand each other."

Shuttle-UM, administered within the Office of Commuter Affairs, consists of five transit services, including a night security fixed-route service, an all-night security call-a-ride service, an on-campus transportation service for disabled people, a daytime off-campus commuter service, and a charter program serving campus organization.

Despite the camaraderie and relaxed, friendly atmosphere, work at the shuttle service is serious business. All drivers must undergo a thorough four-week training program that covers everything from Maryland law to passenger relations to shuttle orientation.

"There's a real pride around here in the system," says Standish. "The students take good care of the buses."

She adds that the shuttle service has no sick leave policy. Nor a need for one.

"If you get sick, you get someone else to take your shift," she explains. "Someone is usually willing to pitch in when someone's sick or has a class or an exam that day," she says. "They realize those things are important. I'd rather have student workers any day."

She is quick to add that she has never "not sent a bus because we didn't have a driver."

Shuttle-UM's professional manner and pride has not gone unnoticed. At a recent campus gathering UMCP president William E. Kirwan noted how recently a campus visitor expressed to Kirwan how

impressed he was with the positive attitude of the shuttle drivers toward the university.

"You have to have an appreciation for what you're doing," says **Don. St. Armand**, fleet maintenance manager. "You've got to do it and do it right the first time."

St. Armand has been with Shuttle-UM for 10 years, first as a student maintenance assistant and now as a full-time classified employee. He, too, met his wife, **Ronda**, while both were working at the shuttle service.

St. Armand has a degree in law enforcement from UMCP, but he has no regrets that he has remained with the shuttle service.

"I feel very fortunate," he says. "I've

worked with good people—classified and staff."

Like St. Armand, says Standish, as many as 70 percent of the student managers who come in with a non-transportation major like dance or architecture or English, remain in transportation after receiving their degrees.

The average student, says Standish, is employed with the shuttle service three to five years, and less than 10 percent leave after the first semester.

She says that she runs into former student workers all the time.

"Someone is walking up to me constantly and saying, 'Do you remember me?'" she chuckles. And of course she does. After all, she says, "our students do a hell of a good job." ■

—Lisa Gregory

UMCP Employees "Go the Distance" On Walk to Ocean City

This summer 18 UMCP employees walked to Ocean City—and some walked even farther.

All 18 were participants in the University of Maryland Fitness Walker's program, sponsored by Campus Recreation Services.

The walkers had from any time after February 1 to July 4 to accumulate 140 miles (the distance from UMCP to Ocean City) by walking inside the Reckord Armory or outside on designated routes.

Carole Cook of physical plant led all walkers with 186.9 miles. **Conrad Foerter** of sponsored programs followed close behind with 184.5 miles.

Others who completed the walk to Ocean City were: **Agnes Abell** (177 miles), physical plant; **Cindy Baumann**, fire protection engineering (146.2 miles), **Gina Covington** (153.75 miles) and **Joyce Yarwood** (143.5 miles) of the Department of Mathematics; **Lynn Danson** (140 miles), **Connie Shaughnessy** (143.5 miles) and **Pamela Viands** (144.85 miles), the University Book Center; **Karen Earl** (157 miles) and **Ali Rassoulpour** (141.6 miles) of the office of the bursar; **Susan Fidlow** (140.1 miles), Department of Textiles and Consumer Economics; **Debra Hixon** (141.5 miles), undergraduate admissions; **John Kruzcek** (148.2 miles), comptroller; **Toni**

Lawson (140 miles) and **Shahla Ortega** (153 miles), Sponsored Programs; **Catherine Nickle** (160.5 miles), Office of the Vice President of Administrative Affairs; and **Dottie Zahringer** (146 miles), office of Resource Planning and Budgets.

Approximately 49 people participated in the Walk to Ocean City. Those completing the 140 miles were awarded a tee shirt citing his or her accomplishment.

"The point of having the walk to Ocean City was to motivate walkers to keep them going," says **Barbara Aiken**, assistant director in campus recreation services.

"We were very pleased with this year's response," adds Aiken, who noted that last year only 12 people participated in the "Walk to St. Michael's."

According to Aiken, a similar "walk to" is scheduled for next summer.

The Fitness Walking I program will begin this November in the Armory.

"Walking is an excellent physical fitness activity that anyone at any age can participate in," says Aiken. "Most of the comments that I hear from our walkers are that they just feel better when they walk."

For more information on UMCP's Fitness Walking program call 454-3124. ■

How to Make Your Commute Easier

Each year the Office of Commuter Affairs offers a helpful series of brochures on housing, transportation and related concerns, including "Finding a Job," (on-campus), "Carpooling to UMCP," "Hanging Around," "Apartment Directory/Map," "Eating on Campus" and "UMCP Transportation Alternatives." Call 454-5274 for copies. Schedules for Shuttle-UM, another service of Commuter Affairs, are available at its office in Room 1195 Stamp Student Union or at the Union Info Center. Director Barbara Jacoby says that a new Rhode Island Avenue route has been added and other routes have been modified this fall to provide better service for members of the campus community.

Cothran Appointed New Director of OMSE

When the Office of Minority Student Education welcomes visitors to its open house this week, some people may notice a familiar face in a new position. Mary Cothran, who has been at the university since 1977, is the new director of OMSE and the first woman to hold the post.

Cothran has been a major figure in minority recruitment and retention during her nine-year tenure as associate director of admissions. She is also excited about the opportunity to lead the university's primary outreach center for undergraduate minority students.

"Minority education has been a major focus of my life," she says. "I am looking forward to making all aspects of it my highest priority."

The appointment represents the culmination of a cause that has shaped much of Cothran's life. As early as 1969, when she was a professor of nursing education at Catholic University, Cothran



Mary Cothran, Director of the Office of Minority Student Education

realized that attention to minority students was a growing need in higher education.

"All of my minority students came to me for advice," she says. "I began to see this as a need I could address."

After some time off to raise her third child, Valerie, Cothran decided to switch careers and earned a master's degree in counseling and personnel administration from UMCP in 1976. Though she wanted to continue her education, she decided to work full-time. After a year in the university's administrative internship program that was supported by a Maryland State Board of Higher Education Minority/Other Race Grant, she went to the college of education as director of student services.

In 1980, after a one-year appointment as acting assistant director of freshmen admissions, Cothran became associate director of admissions and began many successful minority outreach programs,

such as Minority Focus Day, Minority Freshman Weekend and the Scholars Mentor Program. She also earned her Ph.D. in counseling and personnel administration in 1981.

Cothran's personal approach is a trademark she hopes to continue as director of OMSE. Shortly after her appointment this summer, she instituted a welcome phonathon for incoming minority students. "I especially want the at-risk students to know who we are and that we want to help them succeed," she says.

A long-time resident of Silver Spring, Cothran is also active in her community having served on the Montgomery County Commissions for Women and Child Care. Currently, she is working on a report with the County's NAACP branch task force to arrest declining enrollment and graduation of black males in state schools of higher education. ■

—John Fritz

Many MBA Graduates Chose Field of Marketing

More than 20 percent of the 1989 MBA graduates of UMCP's College of Business and Management accepted jobs in marketing, according to a report issued recently by the college's graduate placement office.

Consulting and finance were the next most popular fields among the new MBAs, each attracting 17 percent of the graduates. Information systems followed with 16 percent, while banking claimed 9.5 percent of the class.

"Because the Baltimore-Washington area is experiencing such rapid growth—particularly in the areas of telecommunications, biotechnology, and all manner of consumer, business and government services—job opportunities for MBA graduates are as plentiful as they are varied," says Leslie Coleman, director of placement. "Nearly 90 percent of our 1989 graduates accepted employment as of July 1, and of that number, 80 percent elected to work in

the area."

Consulting firms hired the largest portion (26.4 percent) of the class, and telecommunications and high technology/computer-related firms also attracted a significant number (15.4 percent each). Among some of the companies that hired two or more Maryland MBA graduates this year are AT&T, Hewlett Packard, MCI Communications, and First National Bank of Maryland.

Up 13 percent from last year, the

mean salary of this year's class is \$40,268. Base salaries ranged from \$28,000 to \$90,000. In addition to base pay, 47 percent of the newly hired MBAs received sign-on salaries, guaranteed year-end bonuses, or profit sharing as part of their total compensation, which increased their base pay by 10 percent. ■

Segals Receive Army Service Medal

Mady Wechsler Segal and David R. Segal of the Sociology Department received the U.S. Army's Outstanding Civilian Service Medal for their contributions as Distinguished Visiting Professors of Sociology at the United States Military Academy during the 1988-89 academic year.

Hill Chosen as Editor For Journal

Clara Hill of the Department of Psychology has been chosen to be the associate editor for the Journal of Counseling Psychology from 1991 to 1993. She will serve as editor-elect during 1990.

Wilson Selected for Postdoctoral Fellowship

Laura B. Wilson, director of the Center on Aging at UMCP, has been selected for the 1989 Postdoctoral Fellowship Program in Applied Gerontology by the Gerontological Society of America.

Torney-Purta Reappointed to Comparative Studies Board

Judith Torney-Purta of the Department of Human Development has been reappointed to the Board on International Comparative Studies in Education, which was established at the request of the National Science Foundation and the National Center for Education Statistics to monitor the quality of education research used for international comparisons to ensure that U.S. data are accurate and reliable.

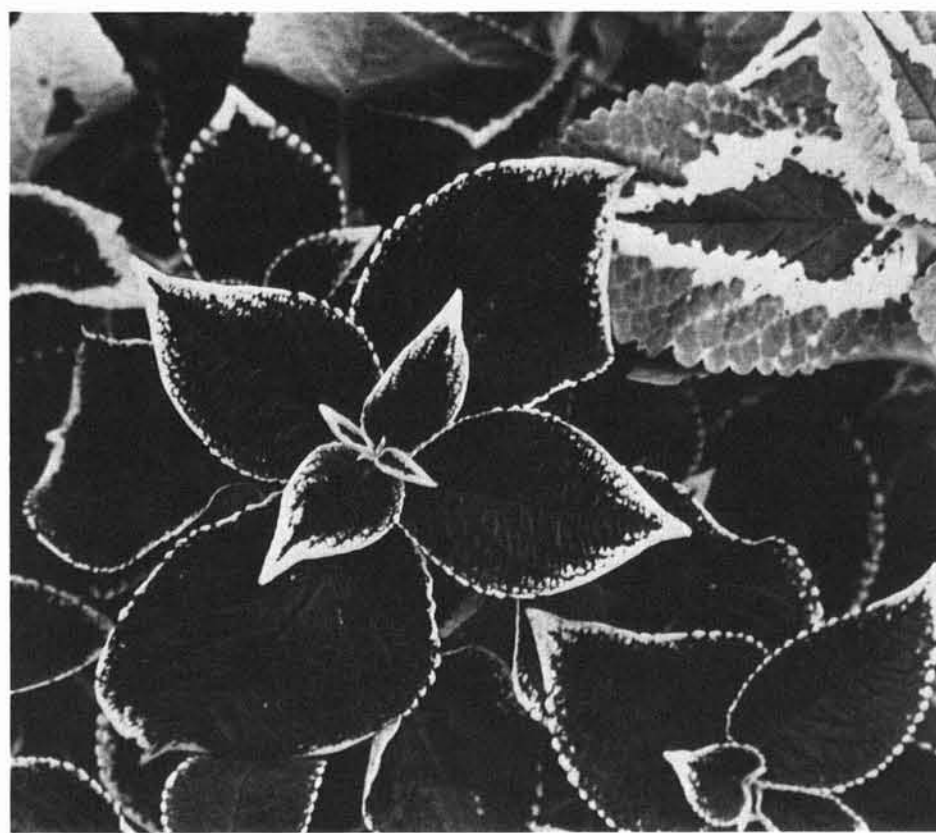
Finkelstein Article Wins Award

Barbara Finkelstein of the Department of Education Policy, Planning and Administration received an award for excellence for her article "Rescuing Civic Learning: Some Prescriptions for the 1990s" which appeared in the Ohio State University College of Education's Theory Into Practice (TIP) journal.

Correction

In the bar graph showing the UMCP Enhancement Plan Annual Resource Requirements last week, the amount for FY 1994 should read \$32.4 million. *Outlook* regrets the error.

A Splash of Color



Even the lazy, hazy days of summer can be brightly colored with the help of plantings by the Harrison Laboratory greenhouses. These multi-colored coleus plants brighten the landscape around Symons Hall.

Photo by Fariss Samarrai